

# Jack T. Wang

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## EDUCATION

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### University of California, Berkeley

Expected 2015-2019

- Intended B.A. in Computer Science and B.S. in Business Administration
- 3.91 Overall Academic GPA
- Expected Courses by Summer 2016: Intro to CS and Data Structures; Single Variable Calculus, Differential Equations and Linear Algebra; Economics; Statistics

### The Woodlands School in Mississauga, ON, Canada

2011-2015

- *Summa Cum Laude*, Ontario Scholar, 96 High School Average
- Ontario Enhanced Learning Program - highest academic level
- AP: 5 in Calculus BC and Literature (2 AP exams taken); SAT: 2320 Composite

## SKILLS

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### Computer Science

- Java, C/C++, Python, SQL, CSS/HTML, Scheme and others
- Knowledge of the implementation of stacks, queues, linked lists, trees, hashtables, sets, and buffer data structures
- Knowledge of the implementation of quicksort, heapsort, merge sort, memoization, DFS, BFS, and Dijkstra's algorithms
- Familiar with development of Android apps and other integrated software projects using a wide array of different IDEs

### Communication

- Excellent presenter, speaker, and public orator, developed through years of excellence as co-captain of high school speech and debate team
- Effective writer with strong essay, report and technical writing skills
- Fluent in English, Mandarin, and French

## PROJECTS

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### Scheme Interpreter

- Interpreter for scheme written in python
- Fully tail recursive, completed using tokenizers, buffers, and is valid for all scheme procedures

### Employee Database

- Program written in Java to keep track of employees in a company
- Uses object oriented programming, hashtables, GUI, and file I/O

### QuizUp!

- Personal project, android app developed using XML and Java
- Exam prep app that allows user to add MC questions and then answer them

## EMPLOYMENT

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### ITCAD Tech Inc.

- Secretary for small Canadian IT solutions company
- Wrote business documents, made phone calls to clients, and handled basic administration